## SANTEE RIVER BASIN 335

## 02171905 SOUTH SANTEE RIVER AT STATE PIER NEAR McCLELLANVILLE, SC

LOCATION.--Lat 33°09'15'', long 79°21'16'', Charleston County, Hydrologic Unit 03050112, near right bank in Santee Coastal Reserve, 0.8 mi upstream from Pleasant Creek, 2.1 mi upstream of Atlantic Intracoastal Waterway, 8.2 mi northeast of McClellanville, and at mile 7.2.

PERIOD OF RECORD. -- March 1987 to current year.

GAGE.--Water-stage recorder. Datum of gage is 19.55 ft below sea level (National Ocean Survey benchmark). Prior to Mar. 4, 1987 at site 2.1 mi downstream, at same datum.

REMARKS.--Gage height affected by tide and regulation from Lake Marion (see sta 02171000) and rediversion from St. Stephens powerplant (see sta. 02171645).

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 25.68 ft, Oct. 8, 1996, but may have been higher during period of no gage-height record Sep. 21-22, 1989; minimum gage height, 15.13 ft, Jun. 10, 1987.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 25.01 ft, Sep. 16; minimum gage height, 17.79 ft, Dec. 17.

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER		NOVEMBER			DECEMBER			JANUARY			
1 2 3 4 5	24.52 24.33 23.98 23.68 23.69	20.57 20.29 20.11 19.97 19.99	22.65 22.38 22.00 21.74 21.77	23.94 23.84 23.60 23.59 23.84	20.06 20.09 20.14 20.26 20.38	21.92 21.92 21.80 21.81 21.96	23.33 23.45 23.52 23.53 23.36	19.50 19.75 20.04 20.10 19.52	21.25 21.57 21.81 21.80 21.66	22.49 21.98  	18.65 18.41  	20.33
6 7 8 9 10	23.36 23.85 23.80 23.84 23.95	19.92 20.26 20.07 19.96 19.80	21.60 21.92 22.07 21.89 21.93	23.76 23.57 23.78 24.13 23.91	20.23 19.64 19.68 19.66 19.41	22.13 21.85 21.85 22.16 21.82	23.42 23.46 23.58 23.64 24.46	19.43 18.94 18.76 18.48 19.14	21.63 21.38 21.22 21.34 21.93	  	  	  
11 12 13 14 15	23.93 23.95 24.01 24.10 24.10	19.51 19.36 19.34 19.34 19.19	21.74 21.78 21.85 21.79 21.75	24.43 24.72 24.65 24.60 24.40	19.27 19.70 19.57 19.49 19.17	22.22 22.39 22.24 21.94 21.80	24.37 24.18 24.46 24.10 23.71	18.93 18.80 18.62 18.73 18.21	21.74 21.31 21.73 21.14 20.91	  		  
16 17 18 19 20	24.25 24.32 24.32 24.30 24.09	19.24 19.54 19.63 19.65 19.86	21.87 22.00 22.03 22.08 22.01	24.18 23.92 23.94 23.87 23.80	19.28 19.18 19.45 19.69 18.89	21.72 21.40 21.60 21.93 21.72	23.87 23.25 22.74 23.00 22.18	19.09 17.79 18.48 17.86 17.93	21.41 20.19 20.43 20.60 20.12	  	  	  
21 22 23 24 25	23.95 23.91 24.16 24.14 24.26	19.53 19.33 19.64 19.75 19.59	21.82 21.71 22.10 22.18 22.23	22.92 23.39 23.31 23.69 24.46	18.47 18.43 18.62 18.70 19.28	20.75 21.00 21.03 21.31 22.07	23.09 23.11 23.05 23.37 23.09	18.39 18.36 18.03 18.55 18.45	20.76 20.42 20.62 20.81 20.74	  	  	  
26 27 28 29 30 31	24.49 24.47 24.41 24.48 24.18 24.00	19.78 19.94 19.73 19.92 19.78	22.37 22.33 22.17 22.26 22.00 21.90	23.74 23.51 23.66 23.46 23.18	19.10 18.76 18.54 19.09 18.70	21.29 20.98 20.95 21.07 20.79	23.47 23.29 23.23 23.80 22.35 22.35	18.73 18.65 18.67 19.59 18.46 18.41	20.93 20.76 21.08 21.56 20.26 20.09	  		
MONTH	24.52	19.19	22.00	24.72	18.43	21.65	24.46	17.79	21.07	22.49	18.41	20.19

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## 02171905 SOUTH SANTEE RIVER AT STATE PIER NEAR McCLELLANVILLE, SC--Continued

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

			GAGE HE	IGHI, FEEI,	WAIEK	TEAR OCT	JBER 2000	IO SEPIE	MDER 2001	L		
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
					MA DOW			3 DD TT			14217	
		FEBRUARY			MARCH			APRIL			MAY	
1				23.65	19.30	21.36	23.27	18.32	20.59	23.37	18.91	21.01
2				23.26	18.74	20.80	23.06		20.91	23.45	18.87	21.14
3 4				22.91	18.93	20.83	23.50	18.72	21.19	23.39	18.61	21.11
4 5				23.66 23.12	19.00 18.36	21.32 20.64	23.71 24.26	18.96 19.36	21.45 22.03	23.72 23.97		21.21 21.31
3				23.12	10.50	20.01	21.20	17.50	22.03	23.57	10.00	21.51
6				23.53	18.15	20.60	24.09	19.14	21.71	24.57		21.51
7				23.88	18.19	21.55	23.82		21.25	24.63		22.22
8 9				24.46 24.38	19.11 19.15	22.13 21.88	24.03 24.09	18.78 18.92	21.32 21.39	24.41 24.11		22.03 21.65
10				24.48	19.10	22.08	24.15	19.13	21.50	23.77		21.36
11				24.19	19.20	21.84	23.94		21.64	23.53		21.29
12 13				24.01 23.58	18.90 18.70	21.43 21.07	23.71 23.50		21.34 20.91	23.45 23.47		21.02 21.36
14				23.13	18.49	20.56	23.17		21.28	23.64		21.76
15				23.21	18.93	20.99	23.58		21.49	23.51		21.64
16 17				23.02 22.92	19.24 19.09	20.98 20.84	22.88 23.27		21.17 20.99	23.65 23.76		21.97 22.17
18				22.82	19.41	21.07	22.41		20.99	23.76		21.98
19				23.61	20.31	22.00	23.13		21.07	23.53		21.60
20				24.46	20.96	23.31	22.99	18.66	20.86	23.87	19.27	21.59
0.1	00 00	10 57	00 67	04.16	10 10	01 70	00 75	10 20	00 50	02 07	10.04	01 60
21 22	22.98 23.76	18.57 18.71	20.67 21.38	24.16 23.10	19.42 18.95	21.78 20.93	22.75 23.06		20.58 20.45	23.97 23.96		21.60 21.41
23	23.47	18.95	21.16	23.46	19.01	21.39	23.19		20.53	24.32		21.45
24	23.46	18.97	21.28	23.28	18.82	21.05	23.32		20.47	24.36		21.66
25	23.44	18.95	21.16	23.72	18.72	21.12	23.62	18.30	20.65	24.18	18.89	21.45
0.0	00 04	10 57	00 67	22.65	10 07	01 07	02.00	10.64	01 04	04 10	10.05	01 40
26 27	22.94 23.39	18.57 18.87	20.67 21.07	23.65 23.70	18.87 19.01	21.27 21.22	23.82 23.76		21.04 21.11	24.12 23.95		21.48 21.32
28	23.64	19.21	21.15	24.05	19.27	21.50	23.70		20.91	23.95		21.16
29				23.74	19.69	21.72	23.59		21.35	23.69		21.12
30				23.51	18.74	20.79	23.85	18.87	21.19			
31				23.23	18.89	20.77						
MONTH	23.76	18.57	21.07	24.48	18.15	21.32	24.26	18.17	21.11	24.63	18.61	21.50
11011111	23170	10.57	21.07	21.10	10.15	22.32	21.20	10.17		21.05	10.01	21.50
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
DAY	MAX		MEAN	MAX		MEAN	MAX		MEAN	MAX		
DAY	MAX	MIN JUNE		MAX	MIN JULY	MEAN		AUGUST	MEAN	MAX	MIN SEPTEMB	ER
1		JUNE			JULY		24.06	AUGUST	21.87	23.63	SEPTEMB	ER 21.23
1 2		JUNE			JULY		24.06 23.85	AUGUST 19.57 19.53	21.87 21.64	23.63 23.83	SEPTEMB: 19.04 19.24	ER 21.23 21.44
1 2 3		JUNE  		 	JULY		24.06 23.85 23.74	AUGUST 19.57 19.53 19.20	21.87 21.64 21.36	23.63 23.83 24.04	19.04 19.24 19.69	21.23 21.44 21.89
1 2		JUNE			JULY		24.06 23.85	AUGUST 19.57 19.53 19.20 19.23	21.87 21.64	23.63 23.83	19.04 19.24 19.69 19.39	ER 21.23 21.44
1 2 3 4 5	  	JUNE	  	  	JULY	  	24.06 23.85 23.74 23.66 23.52	AUGUST 19.57 19.53 19.20 19.23 19.18	21.87 21.64 21.36 21.32 21.22	23.63 23.83 24.04 23.57 23.44	SEPTEMB: 19.04 19.24 19.69 19.39 19.39	21.23 21.44 21.89 21.66 21.47
1 2 3 4 5	  	JUNE	   	  	JULY	  	24.06 23.85 23.74 23.66 23.52	AUGUST  19.57 19.53 19.20 19.23 19.18 19.17	21.87 21.64 21.36 21.32 21.22	23.63 23.83 24.04 23.57 23.44	SEPTEMB: 19.04 19.24 19.69 19.39 19.39	21.23 21.44 21.89 21.66 21.47
1 2 3 4 5		JUNE		   	JULY	   	24.06 23.85 23.74 23.66 23.52 23.39 23.25	AUGUST  19.57 19.53 19.20 19.23 19.18  19.17 19.12	21.87 21.64 21.36 21.32 21.22 21.14 21.08	23.63 23.83 24.04 23.57 23.44 23.75 23.91	SEPTEMB:  19.04 19.24 19.69 19.39 19.39 19.41 19.90	21.23 21.44 21.89 21.66 21.47 21.74 21.98
1 2 3 4 5	  	JUNE	   	  	JULY	  	24.06 23.85 23.74 23.66 23.52	AUGUST  19.57 19.53 19.20 19.23 19.18 19.17	21.87 21.64 21.36 21.32 21.22	23.63 23.83 24.04 23.57 23.44 23.75 23.91 23.75	SEPTEMB:  19.04 19.24 19.69 19.39 19.39 19.41 19.90 19.77	21.23 21.44 21.89 21.66 21.47 21.74 21.98 21.87
1 2 3 4 5 6 7 8		JUNE		  	JULY		24.06 23.85 23.74 23.66 23.52 23.39 23.25	AUGUST  19.57 19.53 19.20 19.23 19.18  19.17 19.12	21.87 21.64 21.36 21.32 21.22 21.14 21.08	23.63 23.83 24.04 23.57 23.44 23.75 23.91	SEPTEMB:  19.04 19.24 19.69 19.39 19.39 19.41 19.90 19.77 19.69	21.23 21.44 21.89 21.66 21.47 21.74 21.98
1 2 3 4 5 6 7 8 9		JUNE		    	JULY		24.06 23.85 23.74 23.66 23.52 23.39 23.25	AUGUST  19.57 19.53 19.20 19.23 19.18  19.17 19.12	21.87 21.64 21.36 21.32 21.22 21.14 21.08	23.63 23.83 24.04 23.57 23.44 23.75 23.91 23.75 23.63 23.52	SEPTEMB:  19.04 19.24 19.69 19.39 19.39 19.41 19.90 19.77 19.69 19.47	21.23 21.44 21.89 21.66 21.47 21.74 21.98 21.87 21.68 21.38
1 2 3 4 5 6 7 8 9 10		JUNE			JULY		24.06 23.85 23.74 23.66 23.52 23.39 23.25	AUGUST  19.57 19.53 19.20 19.23 19.18  19.17 19.12	21.87 21.64 21.36 21.32 21.22 21.14 21.08	23.63 23.83 24.04 23.57 23.44 23.75 23.91 23.75 23.63 23.52	SEPTEMB:  19.04 19.24 19.69 19.39 19.39 19.41 19.90 19.77 19.69 19.47	21.23 21.44 21.89 21.66 21.47 21.74 21.98 21.87 21.68 21.38
1 2 3 4 5 6 7 8 9 10		JUNE		==== ==== ==== ==== ==== ====	JULY		24.06 23.85 23.74 23.66 23.52 23.39 23.25	AUGUST  19.57 19.53 19.20 19.23 19.18  19.17 19.12	21.87 21.64 21.36 21.32 21.22 21.14 21.08	23.63 23.83 24.04 23.57 23.44 23.75 23.91 23.75 23.63 23.52	19.04 19.24 19.69 19.39 19.39 19.41 19.90 19.77 19.69 19.47	21.23 21.44 21.89 21.66 21.47 21.74 21.98 21.87 21.68 21.38 21.39 21.96
1 2 3 4 5 6 7 8 9 10		JUNE			JULY		24.06 23.85 23.74 23.66 23.52 23.39 23.25	AUGUST  19.57 19.53 19.20 19.23 19.18  19.17 19.12	21.87 21.64 21.36 21.32 21.22 21.14 21.08	23.63 23.83 24.04 23.57 23.44 23.75 23.91 23.75 23.63 23.52	19.04 19.24 19.69 19.39 19.39 19.41 19.90 19.77 19.69 19.47	21.23 21.44 21.89 21.66 21.47 21.74 21.98 21.87 21.68 21.38 21.39 21.96
1 2 3 4 5 6 7 8 9 10		JUNE			JULY		24.06 23.85 23.74 23.66 23.52 23.39 23.25	AUGUST  19.57 19.53 19.20 19.23 19.18  19.17 19.12	21.87 21.64 21.36 21.32 21.22 21.14 21.08	23.63 23.83 24.04 23.57 23.44 23.75 23.91 23.75 23.63 23.52 23.53 24.08 24.33	19.04 19.24 19.69 19.39 19.39 19.41 19.90 19.77 19.69 19.47 19.27 19.27	21.23 21.44 21.89 21.66 21.47 21.74 21.98 21.87 21.68 21.39 21.39 21.96
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15		JUNE			JULY		24.06 23.85 23.74 23.66 23.52 23.39 23.25 	AUGUST  19.57 19.53 19.20 19.23 19.18  19.17 19.12	21.87 21.64 21.36 21.32 21.22 21.14 21.08	23.63 23.83 24.04 23.57 23.44 23.75 23.91 23.75 23.63 23.52 24.94	SEPTEMB:  19.04 19.24 19.69 19.39 19.39 19.41 19.90 19.77 19.69 19.47	21.23 21.44 21.89 21.66 21.47 21.74 21.98 21.87 21.68 21.38 21.38 21.39 21.96 22.26 22.29
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15		JUNE			JULY		24.06 23.85 23.74 23.66 23.52 23.39 23.25 24.25	AUGUST  19.57 19.53 19.20 19.23 19.18  19.17 19.12 19.17	21.87 21.64 21.36 21.32 21.22 21.14 21.08 21.80	23.63 23.83 24.04 23.57 23.44 23.75 23.91 23.75 23.63 23.52 23.53 24.08 24.33 24.52 24.94	SEPTEMB:  19.04 19.24 19.69 19.39 19.39 19.41 19.90 19.77 19.69 19.47 19.69 19.63 20.10 20.27	21.23 21.44 21.89 21.66 21.47 21.74 21.98 21.87 21.88 21.38 21.39 21.96 22.26 22.26
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15		JUNE			JULY		24.06 23.85 23.74 23.66 23.52 23.39 23.25   24.25 24.25	AUGUST  19.57 19.53 19.20 19.23 19.18  19.17 19.12 19.17 18.68	21.87 21.64 21.36 21.32 21.22 21.14 21.08 21.80 21.55	23.63 23.83 24.04 23.57 23.44 23.75 23.91 23.75 23.63 24.08 24.33 24.52 24.94 25.01 24.61	SEPTEMB:  19.04 19.24 19.69 19.39 19.39 19.41 19.90 19.77 19.69 19.47  19.27 19.84 19.95 19.63 20.10  20.27 19.78	21.23 21.44 21.89 21.66 21.47 21.74 21.98 21.87 21.88 21.38 21.38 21.39 21.96 22.26 22.26 22.26 22.25 22.268
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15		JUNE			JULY		24.06 23.85 23.74 23.66 23.52 23.39 23.25 24.25	AUGUST  19.57 19.53 19.20 19.23 19.18  19.17 19.12 19.17	21.87 21.64 21.36 21.32 21.22 21.14 21.08 21.80	23.63 23.83 24.04 23.57 23.44 23.75 23.91 23.75 23.63 23.52 23.53 24.08 24.33 24.52 24.94	SEPTEMB:  19.04 19.24 19.69 19.39 19.39 19.41 19.90 19.77 19.69 19.47 19.69 19.63 20.10 20.27	21.23 21.44 21.89 21.66 21.47 21.74 21.98 21.87 21.88 21.38 21.39 21.96 22.26 22.26
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18		JUNE			JULY		24.06 23.85 23.74 23.66 23.52 23.39 23.25   24.25 24.25 24.24 24.15	AUGUST  19.57 19.53 19.20 19.23 19.18  19.17 19.12 19.17 18.68 18.54	21.87 21.64 21.36 21.32 21.22 21.14 21.08   21.80 21.55 21.38	23.63 23.83 24.04 23.57 23.44 23.75 23.91 23.75 23.63 24.08 24.33 24.52 24.94 25.01 24.61 24.39	SEPTEMB:  19.04 19.24 19.69 19.39 19.39 19.41 19.90 19.77 19.69 19.47  19.27 19.63 20.10 20.27 19.78 19.60	21.23 21.44 21.89 21.66 21.47 21.74 21.98 21.87 21.68 21.39 21.38 21.39 22.26 22.26 22.29 22.68
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20		JUNE			JULY		24.06 23.85 23.74 23.66 23.52 23.39 23.25 24.25 24.24 24.15 23.98 23.83	AUGUST  19.57 19.53 19.20 19.23 19.18  19.17 19.12 19.17 18.68 18.54 18.32 18.40	21.87 21.64 21.36 21.32 21.22 21.14 21.08   21.80 21.55 21.38 21.15 21.15	23.63 23.83 24.04 23.57 23.44 23.75 23.91 23.75 23.63 24.08 24.33 24.52 24.94 25.01 24.61 24.39 24.26 24.17	SEPTEMB:  19.04 19.24 19.69 19.39 19.39 19.41 19.90 19.77 19.69 19.47  19.27 19.84 19.95 19.63 20.10 20.27 19.78 19.60 19.52 19.29	21.23 21.44 21.89 21.66 21.47 21.74 21.98 21.87 21.68 21.38 21.38 21.38 21.38 21.38 21.38 21.38
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21		JUNE			JULY		24.06 23.85 23.74 23.66 23.52 23.39 23.25 24.25 24.24 24.15 23.98 23.83	AUGUST  19.57 19.53 19.20 19.23 19.18  19.17 19.12 19.17 18.68 18.54 18.32 18.40 18.73	21.87 21.64 21.32 21.22 21.14 21.08 21.80 21.55 21.38 21.15 21.29	23.63 23.83 24.04 23.57 23.44 23.75 23.91 23.75 23.63 24.52 24.94 25.01 24.33 24.52 24.94 25.01 24.61 24.37 24.61 24.37	SEPTEMB:  19.04 19.24 19.69 19.39 19.39 19.41 19.90 19.77 19.69 19.47 19.27 19.84 19.95 19.63 20.10 20.27 19.78 19.52 19.29 19.41	21.23 21.44 21.89 21.66 21.47 21.74 21.98 21.38 21.38 21.38 21.38 22.26 22.26 22.26 22.26 22.29 22.68
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20		JUNE			JULY		24.06 23.85 23.74 23.66 23.52 23.39 23.25 24.25 24.24 24.15 23.98 23.83	AUGUST  19.57 19.53 19.20 19.23 19.18  19.17 19.12 19.17 18.68 18.54 18.32 18.40	21.87 21.64 21.36 21.32 21.22 21.14 21.08   21.80 21.55 21.38 21.15 21.15	23.63 23.83 24.04 23.57 23.44 23.75 23.91 23.75 23.63 24.08 24.33 24.52 24.94 25.01 24.61 24.39 24.26 24.17	SEPTEMB:  19.04 19.24 19.69 19.39 19.39 19.41 19.90 19.77 19.69 19.47  19.27 19.84 19.95 19.63 20.10 20.27 19.78 19.60 19.52 19.29	21.23 21.44 21.89 21.66 21.47 21.74 21.98 21.87 21.68 21.38 21.38 21.38 21.38 21.38 21.38 21.38
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24		JUNE			JULY		24.06 23.85 23.74 23.66 23.52 23.39 23.25 24.24 24.15 23.98 23.83 23.95 23.81 23.53	19.57 19.53 19.20 19.23 19.18 19.17 19.12   19.17 18.68 18.54 18.32 18.40 18.73 18.95 19.15 18.88	21.87 21.64 21.36 21.32 21.22 21.14 21.08 21.80 21.55 21.38 21.15 21.29 21.49 21.49 21.49	23.63 23.83 24.04 23.57 23.44 23.75 23.91 23.75 23.63 23.52 23.53 24.08 24.33 24.52 24.94 25.01 24.61 24.31 24.51 24.61 24.17 24.11 23.94 24.26 24.17	SEPTEMB:  19.04 19.24 19.69 19.39 19.39 19.41 19.90 19.77 19.69 19.47 19.27 19.84 19.95 19.63 20.10 20.27 19.78 19.69 19.52 19.29	21.23 21.44 21.89 21.66 21.47 21.74 21.98 21.88 21.38 21.38 21.39 21.96 22.26 22.26 22.25 32.20 21.85 21.81 21.74 21.75
1 2 3 4 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23		JUNE			JULY		24.06 23.85 23.74 23.66 23.52 23.39 23.25   24.25 24.25 24.24 24.15 23.98 23.83 23.95 23.81	AUGUST  19.57 19.53 19.20 19.23 19.18  19.17 19.12 19.17 18.68 18.54 18.32 18.40  18.73 18.95 19.15	21.87 21.64 21.36 21.32 21.22 21.14 21.08   21.80 21.55 21.38 21.15 21.15 21.29 21.49 21.49	23.63 23.83 24.04 23.57 23.44 23.75 23.91 23.75 23.63 24.08 24.33 24.52 24.94 25.01 24.61 24.39 24.26 24.17	SEPTEMB:  19.04 19.24 19.69 19.39 19.39 19.41 19.90 19.77 19.69 19.47  19.27 19.84 19.95 19.63 20.10  20.27 19.78 19.60 19.52 19.29 19.41 19.42 19.57	21.23 21.44 21.89 21.66 21.47 21.74 21.98 21.87 21.68 21.38 21.38 21.38 21.38 21.38 21.38 21.38 21.38 21.38 21.38 21.38 21.38
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25		JUNE			JULY		24.06 23.85 23.74 23.66 23.52 23.39 23.25 24.25 24.24 24.15 23.98 23.83 23.95 23.92 23.81 23.53 23.78	AUGUST  19.57 19.53 19.20 19.23 19.18  19.17 19.12 19.17 18.68 18.54 18.32 18.40  18.73 18.95 19.15 18.88 19.17	21.87 21.64 21.36 21.32 21.22 21.14 21.08 21.80 21.55 21.38 21.15 21.29 21.49 21.49 21.14 21.51	23.63 23.83 24.04 23.57 23.44 23.75 23.91 23.75 23.63 24.08 24.33 24.52 24.94 25.01 24.61 24.39 24.26 24.17 24.11 23.86 23.86 23.86 23.86	SEPTEMB:  19.04 19.24 19.69 19.39 19.39 19.41 19.90 19.77 19.69 19.47  19.27 19.84 19.95 19.63 20.10  20.27 19.78 19.60 19.52 19.29 19.41 19.95 19.63 19.65 19.65	21.23 21.44 21.89 21.66 21.47 21.74 21.98 21.87 21.38 21.38 21.38 22.26 22.29 22.68 22.29 22.68 22.29 22.68 22.29 22.68 22.29 22.87 22.53 22.00 21.85 21.81 21.75 21.81 21.75 21.84 21.48
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24		JUNE			JULY		24.06 23.85 23.74 23.66 23.52 23.39 23.25 24.24 24.15 23.98 23.83 23.95 23.81 23.53	19.57 19.53 19.20 19.23 19.18 19.17 19.12   19.17 18.68 18.54 18.32 18.40 18.73 18.95 19.15 18.88	21.87 21.64 21.36 21.32 21.22 21.14 21.08 21.80 21.55 21.38 21.15 21.29 21.49 21.49 21.49	23.63 23.83 24.04 23.57 23.44 23.75 23.91 23.75 23.63 23.52 23.53 24.08 24.33 24.52 24.94 25.01 24.61 24.31 24.51 24.61 24.17 24.11 23.94 24.26 24.17	SEPTEMB:  19.04 19.24 19.69 19.39 19.39 19.41 19.90 19.77 19.69 19.47 19.27 19.84 19.95 19.63 20.10 20.27 19.78 19.69 19.52 19.29	21.23 21.44 21.89 21.66 21.47 21.74 21.98 21.38 21.38 21.39 21.96 22.26 22.26 22.25 32.23 22.33 23.33
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 25 26 27 28 28 28 29 20 20 20 20 20 20 20 20 20 20 20 20 20		JUNE			JULY		24.06 23.85 23.74 23.66 23.52 23.39 23.25 24.25 24.24 24.15 23.98 23.83 23.95 23.92 23.81 23.53 23.78 23.88 23.78	AUGUST  19.57 19.53 19.20 19.23 19.18  19.17 19.12 19.17 18.68 18.54 18.32 18.40  18.73 18.95 19.15 18.88 19.17 19.73 19.61 19.20	21.87 21.64 21.32 21.22 21.14 21.08 21.80 21.55 21.38 21.15 21.29 21.49 21.49 21.49 21.49 21.14 21.51	23.63 23.83 24.04 23.57 23.44 23.75 23.91 23.75 23.63 24.26 24.33 24.52 24.94 25.01 24.61 24.39 24.26 24.17 24.11 23.86 23.52 23.53	SEPTEMB:  19.04 19.24 19.69 19.39 19.39 19.41 19.90 19.77 19.69 19.47  19.27 19.84 19.95 19.60 19.72 19.29 19.41 19.90 19.77 19.72 19.67	21.23 21.44 21.89 21.66 21.47 21.74 21.98 21.87 21.68 21.38 21.38 21.39 22.26 22.29 22.26 22.29 22.26 22.29 21.85 21.81 21.74 21.75 21.84 21.48
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 29 20 20 20 20 20 20 20 20 20 20 20 20 20		JUNE			JULY		24.06 23.85 23.74 23.66 23.52 23.39 23.25 24.25 24.15 23.98 23.81 23.53 23.78 23.88 23.78 23.88 23.78 23.88 23.78	AUGUST  19.57 19.53 19.20 19.23 19.18  19.17 19.12 19.17 18.68 18.54 18.32 18.40 18.73 18.95 19.15 18.88 19.17 19.73 19.61 19.20 18.81	21.87 21.64 21.32 21.22 21.14 21.08 21.80 21.55 21.38 21.15 21.29 21.49 21.49 21.49 21.49 21.49 21.49 21.14 21.51	23.63 23.83 24.04 23.57 23.44 23.75 23.91 23.75 23.63 24.52 24.94 25.01 24.61 24.61 24.33 24.52 24.94 25.01 24.61 24.33 24.52 24.33 24.52 24.33 24.52 24.33	SEPTEMB:  19.04 19.24 19.69 19.39 19.31 19.90 19.77 19.69 19.47 19.27 19.84 19.95 19.63 20.10 20.27 19.78 19.63 20.10 20.27 19.78 19.63 20.10 20.27 19.78 19.63 20.10 20.27 19.78 19.63 20.10 20.27 19.78 19.63 20.10	21.23 21.44 21.89 21.66 21.47 21.74 21.98 21.87 21.68 21.38 21.39 21.96 22.26 22.26 22.25 32.20 21.85 21.81 21.74 21.75 21.84 21.74 21.75 21.84 21.48
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 27 28 29 29 20 20 20 20 20 20 20 20 20 20 20 20 20		JUNE			JULY		24.06 23.85 23.74 23.66 23.52 23.39 23.25 24.25 24.24 24.15 23.98 23.83 23.95 23.97 23.81 23.53 23.78 23.88 23.78 23.88	AUGUST  19.57 19.53 19.20 19.23 19.18  19.17 19.12 19.17 18.68 18.54 18.54 18.54 18.32 18.40  18.73 18.95 19.15 18.88 19.17  19.73 19.61 19.20 18.81 19.14	21.87 21.64 21.32 21.22 21.14 21.08 21.80 21.55 21.38 21.15 21.15 21.29 21.49 21.49 21.49 21.49 21.14 21.51 21.84 21.71 21.23 21.23 21.26	23.63 23.83 24.04 23.57 23.44 23.75 23.91 23.75 23.63 23.52 23.53 24.08 24.33 24.52 24.94 25.01 24.61 24.39 24.26 24.17 24.11 23.94 23.86 23.86 23.52 23.52 23.91	SEPTEMB:  19.04 19.24 19.69 19.39 19.39 19.41 19.90 19.77 19.69 19.47 19.27 19.84 19.95 19.63 20.10 20.27 19.78 19.62 19.57 19.57 19.69 19.41 19.42 19.57 19.67	21.23 21.44 21.89 21.66 21.47 21.74 21.98 21.87 21.68 21.38 21.38 22.26 22.26 22.26 22.25 22.25 22.25 22.23 22.23 22.20 21.85 21.74 21.75 21.75 21.74 21.75 21.75 21.68
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 29 20 20 20 20 20 20 20 20 20 20 20 20 20		JUNE			JULY		24.06 23.85 23.74 23.66 23.52 23.39 23.25 24.25 24.15 23.98 23.81 23.53 23.78 23.88 23.78 23.88 23.78 23.88 23.78	AUGUST  19.57 19.53 19.20 19.23 19.18  19.17 19.12 19.17 18.68 18.54 18.32 18.40 18.73 18.95 19.15 18.88 19.17 19.73 19.61 19.20 18.81	21.87 21.64 21.32 21.22 21.14 21.08 21.80 21.55 21.38 21.15 21.29 21.49 21.49 21.49 21.49 21.49 21.49 21.14 21.51	23.63 23.83 24.04 23.57 23.44 23.75 23.91 23.75 23.63 24.52 24.94 25.01 24.61 24.61 24.33 24.52 24.94 25.01 24.61 24.33 24.52 24.33 24.52 24.33 24.52 24.33	SEPTEMB:  19.04 19.24 19.69 19.39 19.31 19.90 19.77 19.69 19.47 19.27 19.84 19.95 19.63 20.10 20.27 19.78 19.63 20.10 20.27 19.78 19.63 20.10 20.27 19.78 19.63 20.10 20.27 19.78 19.63 20.10 20.27 19.78 19.63 20.10	21.23 21.44 21.89 21.66 21.47 21.74 21.98 21.87 21.68 21.38 21.39 21.96 22.26 22.26 22.25 32.20 21.85 21.81 21.74 21.75 21.84 21.74 21.75 21.84 21.48
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 27 28 29 29 20 20 20 20 20 20 20 20 20 20 20 20 20		JUNE			JULY		24.06 23.85 23.74 23.66 23.52 23.39 23.25 24.25 24.24 24.15 23.98 23.83 23.95 23.97 23.81 23.53 23.78 23.88 23.78 23.88	AUGUST  19.57 19.53 19.20 19.23 19.18  19.17 19.12 19.17 18.68 18.54 18.54 18.54 18.32 18.40  18.73 18.95 19.15 18.88 19.17  19.73 19.61 19.20 18.81 19.14	21.87 21.64 21.32 21.22 21.14 21.08 21.80 21.55 21.38 21.15 21.15 21.29 21.49 21.49 21.49 21.49 21.14 21.51 21.84 21.71 21.23 21.23 21.26	23.63 23.83 24.04 23.57 23.44 23.75 23.91 23.75 23.63 23.52 23.53 24.08 24.33 24.52 24.94 25.01 24.61 24.39 24.26 24.17 24.11 23.94 23.86 23.86 23.52 23.52 23.91	SEPTEMB:  19.04 19.24 19.69 19.39 19.39 19.41 19.90 19.77 19.69 19.47 19.27 19.84 19.95 19.63 20.10 20.27 19.78 19.62 19.57 19.57 19.69 19.41 19.42 19.57 19.67	21.23 21.44 21.89 21.66 21.47 21.74 21.98 21.87 21.38 21.38 21.38 21.38 21.38 21.38 21.38 21.36 22.26 22.26 22.29 22.68 22.29 21.85 21.87 22.23 22.20 21.85
1 2 3 4 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 MONTH		JUNE		         	JULY		24.06 23.85 23.74 23.66 23.52 23.39 23.25 24.25 24.15 23.98 23.81 23.53 23.78 23.88 23.78 23.88 23.78 23.88 23.78 23.81 23.53 23.78	19.57 19.53 19.20 19.23 19.18 19.17 19.12 19.17 18.68 18.54 18.32 18.40 18.73 18.95 19.15 18.88 19.17 19.73 19.61 19.20 18.81 19.14	21.87 21.64 21.32 21.22 21.14 21.08 21.80 21.55 21.38 21.15 21.29 21.49 21.49 21.49 21.14 21.51 21.84 21.71 21.23 21.02 21.26 21.34	23.63 23.83 24.04 23.57 23.44 23.75 23.91 23.75 23.63 24.52 24.94 25.01 24.61 24.61 24.33 24.52 24.94 25.01 24.61 24.33 24.52 24.94 25.01 24.61 24.33 24.52 24.94	SEPTEMB:  19.04 19.24 19.69 19.39 19.31 19.90 19.77 19.69 19.47  19.27 19.84 19.95 19.42 19.52 19.29  19.41 19.42 19.57 19.90 19.67	21.23 21.44 21.89 21.66 21.47 21.74 21.98 21.87 21.68 21.38 21.39 21.96 22.26 22.26 22.25 32.20 21.85 21.81 21.74 21.74 21.74 21.75 21.84 21.48 21.59 21.69 21.69
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 31 31 31 31 31 31 31 31 31 31 31 31		JUNE		         	JULY		24.06 23.85 23.74 23.66 23.52 23.39 23.25 24.25 24.15 23.98 23.81 23.53 23.78 23.88 23.78 23.88 23.78 23.88 23.78 23.81 23.53 23.78	19.57 19.53 19.20 19.23 19.18 19.17 19.12 19.17 18.68 18.54 18.32 18.40 18.73 18.95 19.15 18.88 19.17 19.73 19.61 19.20 18.81 19.14	21.87 21.64 21.32 21.22 21.14 21.08 21.80 21.55 21.38 21.15 21.29 21.49 21.49 21.49 21.14 21.51 21.84 21.71 21.23 21.02 21.26 21.34	23.63 23.83 24.04 23.57 23.44 23.75 23.91 23.75 23.63 24.52 24.94 25.01 24.61 24.61 24.33 24.52 24.94 25.01 24.61 24.33 24.52 24.94 25.01 24.61 24.33 24.52 24.94	SEPTEMB:  19.04 19.24 19.69 19.39 19.31 19.90 19.77 19.69 19.47  19.27 19.84 19.95 19.42 19.52 19.29  19.41 19.42 19.57 19.90 19.67	21.23 21.44 21.89 21.66 21.47 21.74 21.98 21.87 21.68 21.38 21.39 21.96 22.26 22.26 22.25 32.20 21.85 21.74 21.75 21.84 21.74 21.75 21.84 21.74 21.75 21.84 21.96